

Sheet 1 of 2FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
265036600070SERIAL NO.
09/371,648INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
R. Yanagimachi
FILING DATE
August 10, 1999EXAMINER
Peter Paras
GROUP
1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
---------------------	-----------------	------	------	-------	----------	-------------

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
---------------------	-----------------	------	---------	-------	----------	-----------------------

EXAMINER'S INITIAL OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PP

Atkinson, P.W. et al. (1991). Association of exogenous DNA with cattle and insect spermatozoa in vitro. *Mol. Reprod. Dev.* 29:1-5.Chan, A.W.S. et al. (2000). Foreign DNA transmission by ICSI: injection of spermatozoa bound with exogenous DNA results in embryonic GFP expression and live Rhesus monkey births. *Mol. Hum. Reprod.* 6:26-33.Fernandez, M.A. et al. (1999). Sperm-mediated gene transfer into oocytes of the golden hamster: assessment of sperm function. *Ind. J. of Exp. Biol.* 37:1085-1092.Gandolfi, F. (1998). Spermatozoa, DNA binding and transgenic animals. *Transgenic Research* 7:147-155.Gandolfi, F. (2000). Sperm-mediated transgenesis. *Theriogenology* 53:127-137.

Kuznetsov, A.V. and Kuznetsova, I.V. (1995). Binding of exogenous DNA pRK31acZ by the rabbit spermatozoa, its transfer in the oocytes and expression in the preimplantation embryos. 26:300-309. (Abstract in English, see last page).

Magnano, A.R. et al. (1998). Sperm/DNA interaction: integration of foreign DNA sequences in the mouse sperm genome. *J. Reprod. Immuno.* 41:187-196.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
265036600070SERIAL NO.
09/371,648INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
R. Yanagimachi
FILING DATE
August 10, 1999EXAMINER
Peter Paras
GROUP
1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
---------------------	-----------------	------	------	-------	----------	-------------

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
---------------------	-----------------	------	---------	-------	----------	-----------------------

EXAMINER'S INITIAL OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PP Patil, J.G. and Khoo, H.W. (1996). Nuclear internalization of foreign DNA by zebrafish spermatozoa and its enhancement by electroporation *J. Exp. Zool.* 274:121-129.

Smith, K.R. (1999). Sperm cell mediated transgenesis: a review. *Animal Biotechnology* 10:1-13.

Spadafora, C. (1998). Sperm cells and foreign DNA: a controversial relation. *BioEssays* 20:955-964.

Tsai, H.J. et al. (1997). Sperm as a carrier to introduce an exogenous DNA fragment into the oocyte of Japanese abalone (*Haliotis diversicolor suptexta*). *Transgenic Research* 6:85-95.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.